REMARKS

This Amendment is being filed in response to the Final Office Action mailed December 17, 2007, which has been reviewed and carefully considered. Reconsideration and allowance of the present application in view of the amendments made above and the remarks to follow are respectfully requested.

By means of the present amendment, the specification has been amended for better conformance to the drawings and to correct a grammatical error.

In the Office Action, the Examiner objected to claims 4, 6, 22 and 27 for certain informalities. In response, claims 4, 6, 22 and 27 have been amended in accordance with the Examiner's suggestions. Accordingly, withdrawal of the objection to claims 4, 6, 22 and 27 is respectfully requested.

In the Office Action, claims 1, 11, 22-23 and 27 are rejected under 35 U.S.C. §103(a) as allegedly unpatentable over of U.S. Patent No. 5,907,619 (Davis) in view of U.S. Patent No. 6,009,176 (Gennaro). Claims 2, 4-5, 17-21 and 24 are rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Davis in view Gennaro

of and U.S. Patent No. 5,790,110 (Baker). Claims 6 and 25-26 are rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Davis in view Gennaro of and U.S. Patent No. 5,373,323 (Kwon). Claims 3 and 7-9 are rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Davis in view Gennaro of and U.S. Patent No. 6,009,176 (Isnardi). It is respectfully submitted that claims 1-9, 11 and 17-28 are patentable over Davis, Gennaro, Baker, Kwon and Isnardi for at least the following reasons.

On pages 21-22 of the Office Action, in rejecting claim 9, column 5, lines 12-13 of Davis is cited to allegedly show that 'the watermark is embedded in a different portion of said frame than the portion of said frame for which said signature is generated,' as recited in claim 9.

It is respectfully submitted that column 5, lines 10-13 of Davis specifically recite:

> FIG. 3 is an illustrative block diagram showing another embodiment of the SCSD 100 that allows authentication of individual **sections** of an image frame, **using only one signature**.

It is respectfully submitted that this section of Davis merely recites to authenticate different sections using only one

signature. This may be accomplished in various ways where in

Davis, it appears that a frame is partitioned into sections that

include higher and lower order coefficients generated using DCT.

The coefficients of each section are hashed, and in "order to

reduce the number of signatures needed, these digests 136_1-136_4 are

concatenated together to form a single data set referred to as a

hash sequence table 137." (Davis, column 5, lines 35-37)

It is respectfully submitted that Davis is completely silent

and does not teach or suggest the present invention as recited in

independent claim 1, and similarly recited in independent claims 22

and 27-28 which, amongst other patentable elements, recites

(illustrative emphasis provided):

> storing a second frame portion of the frame to
> replace the first frame portion, the reduced memory
> requirement being substantially equal to a size of the
> first frame portion or the second frame portion,
> embedding the signature in the second frame
> portion of the frame so that the signature is embedded
> in a different portion of the frame than a portion of
> the frame for which the signature is generated.

Embedding the signature in a different portion of the frame

than a portion of the frame for which the signature is generated,

where memory requirement is reduced to substantially equal to the

size of the first frame portion or the second frame portion, are nowhere taught or suggested in Davis. Rather, Davis discloses forming a common signature for different sections of a frame which has no effect on any memory requirement. In addition, Gennaro is merely concerned with reducing computation time for authentication by reducing the number of signatures and does not remedy the deficiencies in Davis. Baker, Kwon and Isnardi also do not remedy the deficiencies in Davis as they are cited to allegedly show other features.

Accordingly, it is respectfully requested that independent claims 1, 22 and 27-28 be allowed. In addition, it is respectfully submitted that claims 2-9, 11, 17-21 and 23-26 should also be allowed at least based on their dependence from independent claims 1 and 22, as well as their individually patentable elements.

In addition, Applicants deny any statement, position or averment of the Examiner that is not specifically addressed by the foregoing argument and response. Any rejections and/or points of argument not addressed would appear to be moot in view of the presented remarks. However, the Applicants reserve the right to submit further arguments in support of the above stated position,
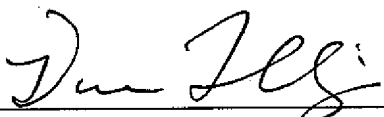
should that become necessary. No arguments are waived and none of the Examiner's statements are conceded.

It is believed that no additional fees or charges are currently due beyond the fee for one additional independent claim to be charged to a credit card as paid concurrently herewith. However, in the event that any additional fees or charges are required for entrance of the accompanying amendment, they may be charged to Applicants' representatives Deposit Account No. 50-3649. In addition, please credit any overpayments related to any fees paid in connection with the accompanying amendment to Deposit Account No. 50-3649.

In view of the above, it is respectfully submitted that the
present application is in condition for allowance, and a Notice of
Allowance is earnestly solicited.

Respectfully submitted,

By_____
Dicran Halajian, Reg. 39,703
Attorney for Applicant(s)
March 17, 2008

THORNE & HALAJIAN, LLP
Applied Technology Center
111 West Main Street
Bay Shore, NY 11706
Tel: (631) 665-5139
Fax: (631) 665-5101